App. F. IX-4

1936. (Geol)

Reserve

File No. 2-36

Serial Nos. 3-14

Previous References
Geol 2-36(1-2)
" 69-30(1-4)

Later References.
Geol-Ef-43-1-2

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 12

Part B for May 40.

SUBJECT.

Application of the provisions of the Mysore Petroleum Act to Methoy Spt., Acetone, and wood Naptha.

WD 0573—GPB—22,500—12-9-39

Well Rec
1/6.

Serial No.

3 From the Secy, Board of Management, Mysore Iron & Steel Works.

Letter No B.5-37 dated 31/3/37

Requests that the works may be exempted from the payment of fees for licenses to transport C.P. Methanol.

1 Subs. Ref is invited to Section 2 (a) of the Mysore Petroleum Regulation. Petroleum does not include C.P. methanol alcohol (refined wood alcohol). In the year 1934, the Chief Inspector of Mines & Explosives made a proposal to apply the provisions of the Mysore Petroleum Regulations & the Rules framed thereunder for the importation, possession & transport of acetone, wood Naptha & methyl alcohol in the State (under Section 21), the main file containing this proposal was submitted to the then Dy. member on 12/5/34 (vide the linked file No 1793 of 34-35). Until final orders are passed thereon, the provisions of the said regulation cannot be applied to the methanol alcohol.

) 3196 of 33-34 Genl 120-29

S

2. Ref is also invited to this

WD 0417—GPD—30,000—8-9-36

2 Exemption from the payment of licence fee.

5873/36 p 836

5-4/11

Secret 2

File No. 2 of 193 6

General and Revenue Secretariat

Serial No.

Your letter No D 15757 Secret 2-36-2 dated 28/8/36 to the Private Secy to H.E.

The Govt departments are subject to the same rules, including the levy of fees as are enforced in the case of private firms & persons. According to this ruling, the Govts have to pay the licence fee although it is a Concern owned & run by the Govt.

Further the licence applied for cannot be granted in Form H under the Petroleum Regulations as the whole or any portion of this Regulations Regulation has not yet been applied to this substance under Section 21. For orders.

Sd 3 for favour of remarks

8/4 Asst Secy (Law Secret No 2) 9.4.37

4 Please put up Geological file 69 of 30.

250 Law BKR 10.4.37)

BKR 11.4.37)

5 Deptl Br to kindly put up the above. The reference Secret 69-30 (1-6) 5.

6 Necessary action

Sd 11/4 MBSC

(for To, the Petroleum Br)

Sd 15/4

5873

5873

Serial No.

7 The Indian Petroleum Regulation is enacted with a view to control and regulate the importation, possession and transport of petroleum and other substances. No information is available in the file whether refined wood-alcohol (C.P. Methanol) comes within the meaning of the word 'petroleum' as defined in Section 2 of the Regulation. If it cannot come under that definition, then the Regulation is not applicable to that substance, unless under Section 21, the Regulation is made applicable to that substance.

8 Information on the following may kindly be furnished:- (i) whether the composition of C.P. Methanol is such as to bring that substance within the meaning of the word 'petroleum' as defined in the Regulation (ii) and if it is not, whether the Regulation has been made applicable to that substance by a notification under Section 21. (iii) the degree of Fahrenheit's thermometer at which the substance has its flashing point.

4.4.37

BKR 20.4.37

Under Secy
Devpost
W.C.

WD 0417—GPB—30,000—8-9-36

Exemption from the payment of license fee

5411

File No. | of 193 | General and Revenue Secretariat

Serial No.

9

Depot Parbat 7/8. A proposal was received from the Chief Inspector to apply the provisions of the Petroleum Regulation & the Rules framed thereunder for the importation, possession and transport of acetone, wood Naptha Naptha, & methyl alcohol in the State. The main file (3196 of 33-34) was submitted to the then 1st member of Council (Mr. K. Mathew) on 14/5/34. Orders on this file have not yet been passed (vide Para 1 above)

See 10 2/1/4 Inw

Please write to the Works and get a copy of the Red Pamphlet No 13 referred in their letter to the Dt Magte. Also put up a copy of the Indian petroleum Act and the Rules thereunder

Sd 22.4.37

11

Sealed with a draft

See 2/12 Inw

12 Issued 26.4.37

D 7160 dy 26-4-37 To C.I of mines & Exp 4

Asks for a copy of red pamphlet No 13.

RECEIVING 21 APR 1937 GENL & REVN SECTT

5-4 (1) 5877

Serial No.

5 From the General Manager, Mysore Iron & Steel Works, Bhadravati

Memo dated 29/4/37.

It is seen that by mistake the General Manager has sent the pamphlet to the D.C., Shimoga. Address is put up

for 15/5

14 Issued 17.5.37

TYPING SECTION

6. D 7807 dt 21-5-37 To D.C. Shimoga

Asks him to send the pamphlet here

D 7808 dt 21-5-37 Copy to Deputy in M.I.S.W. Bhadravati

From the District Magistrate Shimoga No. G.R.To. 36/36-37 dated 25/5/37 Sds the copy of the pamphlet called

15 Sent with reference to above

for 26/5 A copy of the Indian Petroleum Act & the Rules framed thereunder is put up. The main file (No. 3677/T-793/34) re the application of the provisions of the Mysore Petroleum Regulations to acetone, wood Naptha & Methyl alcohol,

Feel 120-29

NOTE—Contn. Sheet.

WD 0417—GPB—30,000—8-9-36

6 Exemption from the payment of license fee.

5977 (65-68 Cutting file - 17933/34

for File No. 2 of 1936

General and Revenue Secretariat

Serial No.

is linked hereto with for reference to orders.

Ref para 18 above.

Re 16 11/6 Now

Refee is invited to page 90 (Flag A) of Red Pamphlet No 13. It is clearly stated therein that C.P Methanol is a dangerous petroleum ie petroleum whose flashing point is below 76° F. Under S 5 read with Rule 2 of chap V of the Rules a license in Form H is necessary for the transport of C.P Methanol. This license has to be issued by the Dist Magte if the quantity to be transported each time exceeds 40 gallons otherwise by the Dt Magte of the Dt. In either case the licensee has to pay a licensing fee of Rs 50/- in the shape of general stamps. Govt concerns are not exempted from the payment of this fee (vide Flag S). The works may perhaps be informed that they shd pay the requisite fee and obtain the license

Insp of Mines (Flag G)

new Regn. 11.6.37

17

On further consideration it seems

6972/36
P

5977
6578

General and Revenue Secretariat | File No. | of 193 | [App. F. III—2

Serial No.

to see that a notification under S 2 of the Regulation is necessary in order to bring C.P. Methanol within the meaning of dangerous ~~petroleum~~ petroleum. This is because C.P. Methanol does not seem to be covered in any of the categories mentioned in the definition of petroleum in cl(a) of S 2 of the Regn. This was the point raised by the Ch. Insp of Mines in the linked file. No orders have yet been passed in regard to this point

For favour of remarks

Mr Very draw) by
WC) 11.6.37

1? The definition of 'petroleum' in our Regulation is wider than in the Indian Act, as it also includes 'Carbon disulphide, ether and any inflammable hydro-carbon or derivative thereof'

— 19 From the correspondence in the linked file, it is to be seen that the contention of the Iron Works is that C.P. Methanol

NOTE—Contn Sheet.

WD 03594—GPB—30,000—13-7-35

D 1587 843 AFF 1587/D 6977—

File No. of 193 General and Revenue Secretariat

Serial No.

is not a hydro carbon and does not come under 'petroleum' as defined in Section 2 of the Regulation (Vide Flag N). But a consideration of its chemical formula $CH_3 \cdot H$ seems to raise a doubt about the correctness of the contention that it is not a hydro-carbon.

2. Definite information may therefore be obtained on the point (i) raised by me in para 8 supra. If the substance in question comes within the definition of 'petroleum', no notification under Section 21 would be necessary.

BNR 18.6.37

Under Secy Dev Dept W.C.

4. This question may perhaps be referred to the Professor of Organic chemistry in the Central College.

Dy Secy 22.6.37

2. Please furnish copy of the Petroleum Regulation.

for 31/8

3. The Director of Industries & Commerce may please report as to the information required in para 8 (1) & (3)

for 31/8

31/8

SECY. DEV. DEPT. 14. AUG. 1939 GOVT OF MYSORE

GEN. & REV. SECTT. 31 AUG. 1939 AGRICULTURE BRANCH

Application of the provisions of the Indian Petroleum Act to Baluchistan Province Alcohol

General and Revenue Secretariat.

File No. 2 187 of 1936 [illegible] [App. F. III-2]

Serial No.

24
A draft ... for ...
for 25/9/39 ... Issue 25/9/39

AF 976 dy 12.9.39 Calls for inform. on certain points. To the Chief Inspector of Mines & Explosives

From the chief Inspector of Mines
to S.S. dated 18/9/39
Furnishing the information called for.

26 Submitted with reference to para 23 above
... may be Consulted in the matter with reference to para 20 above
for 25/9/39 27 Law Asst. Secy
WCE

AGRI. & FOREST

3
25/9/39

57
Law

4. NOV. 1939

28) As C. P. Notification comes within the purview of 'Petroleum', as defined in Section 2 of the Chief Inspector of Mines, no notification under Sec 21 of the Petroleum Act is necessary.

3
31/10/39

29 Dep Secy) Law Secy) C
4/11/39

30 For 4/11 3 4/11/39

NOTE—Contn. Sheet

4 NOV. 1939
AGRI. & FOREST BRANCH.

1) Application of the provisions of the Mysore Petroleum Act to methyl alcohol etc.

File No. 2 of 19 3.4 | General and Revenue Secretariat.

Serial No.

31 A draft to the Chief Inspector for approval.
2. Letter of It is proposed that no notification under Section 2, is necessary for the application of the provisions of the Petroleum Act to Acetone & wood naptha &c.
Inspector
2/11

32 A draft covering letter for approval as desired
Inspector
17/11 20/11

33 Issued
20/11

No. A.F. 2486 of 25.11.39
To the Chief Inspector of Mines.
Calls for the information.
From the Chief Inspector of Mines & Explosives
No 995 d 28/11/39
Furnishes the information called for.

33) The Chief Inspector states that Acetone & wood naphta are inflammable hydrocarbons as defined in Section 2 (e)(iii) of the Mysore Petroleum Act & therefore come under the definition of 'Petroleum' in the Act. Government Law Department, Bangalore, states that notification under Section 2 is not necessary. Hence the Chief

(vide page 2 above)

TYPING SEC. II
21 1939
REN. &

G.L.N. & R.
28 NOV. 1939
AGRI. & FOREST BRANCH.

(a copy put up)

Serial No.

Superintendent considers that such a notification is necessary.

34) The Asst Govt Law Depttl. may also be consulted in the matter 35) There is no harm in publishing a notification for the general information. Law Secy: may once again be consulted

Dewn Secy

7/12/39

Govt Law Secy 9/12

Law Secy 9/12

36) A notification on the lines of the Govt of India might issued. Dis will solve doubts, if any.

11/12

37) Please put up action.

11/12

11/12

GOVT 11 DEC. 1939 GOVT OF MYSORE

NOTE-Contn. Sheet.

Application of the provisions of the Telegraph Act to Madras Electric, etc.

File No. 2 | 2121 of 1936 | General and Revenue Secretariat.

Serial No.

38) A draft notification is submitted for approval.

39) On the limited file, it will be seen that the Telegraph Dept & Steel Works had objected to the proposed provisions of the Telegraph Rules being applied to the Madras Electric. Copies of the representations of the objections were sent to the Hon'ble Dev Secy's note dt 11/5/36. If approved, the provisions of the Telegraph Rules will be enforced after consulting the Telegraph authorities with the Madras Electric before final orders are passed in the matter.

Put up Hdo 40) for approval
Dev. Secy

41) No objection to maintenance works for which began on 31-12-35

Memo No. RO A-7 1149 Dt 22-12-36

42) Forwarded, w.c. to the Chairman, Secretary, Board of Management, Telegraph Dept & Steel Works, for remarks & return before 31/1/37

B.O.

K. Krishnaswamy
for Secretary to Govt.
in Development Dept.

Ref 120-25

This will be worked up after issue of the Notn & submitted for orders

Hdo 27/12

Hdo 21/12

Hdo 22/12

22/12

General and Revenue Secretariat. | File No. of 19 | [A pt.] F. III-2

Serial No.

Reference No: B.

Ref:- Memo No.AF.149 dated 22nd December, 1939.

Re: Including Methanol, Acetone and Wood-Naptha under the Petroleum Regulation.

---

43) 1. There is nothing that can be substantially added to the Development Secretary's note dated 11th May 1936.

44) 2. The only point urged in favour of inclusion of Methanol etc., under the Petroleum Regulation is that the Mysore Government also would fall in line with British India in this respect. The fact that in more advanced countries like the United Kingdom and the United States of America the practice is different has been lost sight of. An attempt has to be made to remove the restrictions placed on Methanol in British India and Mysore Government ought to lead the way by following the practice in the United Kingdom and United States of America.

45) 3. The real vital point that should be considered before a decision is taken is "how far is Methanol dangerous as compared with Petroleum." Apparently this question has not been examined at all and it would be necessary to take expert opinion in the matter. In this connection, a note prepared by Mr.Mohamed Ali, one of the Work's Chemists is appended for information. It is clear that Methanol is not at all a dangerous liquid, in the sense that petrol is. The fact that there has been no explosion connected with Methanol from the commencement of operations of the Works while there have been some connected with Petrol is positive proof.

46) 4. There is no restriction placed on denatured spirits, and Methanol is not more dangerous than the methylated spirits.

47) 5. There is thus no reason to bring Methanol etc., under Petroleum Regulation.

Viswanath

SECRETARY,
Board of Management,
Mysore Iron & Steel Works.

Bhadravati,
1st January 1940.

48) Delay is due to Petrol Coupons and is expected.

Encl.one note.

av/ The Secretary to Govt. Development Deptt. with Compts.

1.1.40.

SECY. DEV. DEPT. 3. JAN. 1940 GOVT. MYSORE

13.576

1/1/40

NOTE-Contn. Sheet.

2124

File No. of 19 . | General and Revenue Secretariat.

Serial No.

49) In view of the Law Dept's opinion the draft notification may issue.

(R: Uth)

Ce. 4/1

Hm

5/1/40.

JAN 5 1940
No 637/

50) I should like to discuss this with the Chairman on the 9th inst.

RM

6/1/40.

Ce. 6/1

Today please

51) Draft please to the Chairman intimating him and submit file on the 9th.

6/1/40

6/1/40

Subd:

52). Draft D.O. to the Chairman is submitted.

Issue today please

6.1.39

6/1

To the Chairman, No. 2.1.5.25.

D.O. Issued No. A.F. 3356 of 6-1-40.

It is felt that the Member would like to discuss with him the question of the application of the Imperial Penal Code to Aerial Offences etc., on the 9th inst.

To the Office of the Law Member

1

9/1

53) This question may be discussed

RM

9/1/40

Ce. 9/1

15

Handling and Storage of Flamable liquids with particular reference to methanol.

The inherent fire and explosion hazards of a flamable liquid depend not only on (1) the flash point but also upon (2) the explosive range (3) auto-ignition temeperature (4) heat of combustion (5) vapour density with respect to air and diffusibility in air (6) vapour pressure etc.,(a). The data published by different authorities vary, those covering the most common inflamable liquids are summarised below.

	Flash point. °c(b)	Auto-Ignition temperature. °c (c)	Explosive Range per cent by Volume. Lower (c)	Higher (c)	Vapour density. Air = 1. (b)	Vapour pressure. MM of Hg.	Heat of combustion calories per gram (c)
Acetone.	-20° to 2°	633	2.0	13.0	2.0	184	7304
Methanol.	-1 to 32	475	5.5	21.0	1.12	159	5331
Ethanol	10 to 22	421	2.8	9.5	1.61	78.6	7080
Ether	-45 to -2	188	1.0	6.0	2.56	637	8807
Hexane	-22 to -18	253	1.1	4.2	2.97	188	10636
Gasoline (motor)	-18	267	1.4	6.0	3.5	251	10,000 to 12,000

1) 2) Flash point and explosive range:- That lower the flash point and lower the lower explosive limit the more dangerous will be the liquid is easily recognised.

3) 4) Auto-ignition temperature and heat of combustion:- In order that an explosion may occur or when started may continue, sufficient heat must be generated (which depends upon the heat of combustion) to heat the adjascent layers to the ingnition temepratures (D). Therefore the higher the ignition temperature and lower the heat of cumbustion, the lower the explosivity.

5) Vapour density and diffusibility in air :- Vapours of sustenances such as methanol which have a low density readily diffuse in air and consequently the danger of explosion is continously minimised in contrast with either and petrol which give off heavy

vapours that ~~linger~~ persist long on the spot.

Referring to the table it will be seen that methanol in every respect stands at the bottom of the list, consequently fire hazard with this material under normal conditions is slight. Although its vapour pressure at room temperatures is such as to form explosive mixtures with air, its low vapour density of ~~1.12~~ 1.12 brings about rapid diffusion in air minimising the danger of explosion. Ethyl alcohol and consequently denatured industrial spirits also form exploisve mixtures with air at room temperature but these liquids are not classed as dangerous although in more than one respect they are worse than methanol. These spirits have a lower auto-ignition temperature, higher heat of combustion and higher vapour density which points are not in their favour, while their lower vapour pressure equal to about half that of methanol is just offset by the lower explosive limit which is also about half that of methanol. Their flash points are not much different (E) and all are below the usual atmospheric temperatures. There is therefore no justification for including methanol in the list of dangerous liquids and leave out ethyl alcohol and methylated spirits although the latter are the more dangerous. Judging from practical experience there is really no case for including any of these spirits in the list as no explosions such as we know that occur with petrol, have occurred in handling these spirits.

It is interesting to note that methyl or ethyl alcohol kept exposed in a watch glass can be kept at a distance of 1 1/2" of a free bunsen flame when it will completely evaporate without catching fire.

Another point to be borne in mind in deciding whether a liquid is dangerous or not is the ease or the difficulty with which the fire due to the liquid can be put out. Methanol, acetone, ethanol and methylated spirit fires are readily extinguished by water on account of the fact that these spirits are not only readily ~~mixable~~ miscible with water but have a strong affinity for it. Under like conditions it is impossible to put out a

petrol fire with this most common fire-extinguisher.

We do not manufacture pure acetone but only mixtures of acetone with methanol and other wood distillation chemicals. The fire hazard with these mixtures is not much greater than with methanol. This is supported by the fact that during the last fifteen years that these inflammable liquids are being manufactured at the Mysore Iron and Steel Works, no explosions have ever occurred although no extraordinary precautions are taken which in itself is sufficient proof that no further precautions or restrictions are called for in handling and storage of these liquids.

Bhadravati,
30th December 1939.

Mohammad Ali, B.Sc.,
Chemist,
The Mysore Iron and Steel Works, Bhadravati.

Literature cited.

(a) Safety and Fire Protection by Miner, Miller and Tilden, page 2486, section 28 of Chemical Engineer's Hand-book edited by John H.Perry.

(b) From tables in (a) Their original authority being Internation Critical Tables and other publications.

(c) Solvents by Thos. H.Durrans, D.Sc., F.I.C., Director of Research Laboratories, of A.Boake Roberts & Co., Ltd., London. Pages 49, 50, 51.

(d) Richardon and Sutton. Industrial & Engineering chemistry 1928. page 188.

(e) Richardon & Sutton (see above) give it as 12°c for methanol av 13°c for ethanol.

PMC

Serial No.

54) A draft of the proposed issue
for
1941 11/1

12 To the Chief Inspector of Mines and Geology
No. A.F. 3500 Stating that the question may
lie over.

No. A.F. 3501 dt 12.1.40 Copy to the Secy
Bd. of Management Mr. D.S.Q. Bhadravati

55) The question of issuing a notification under Sec 2 (1) of the Mysore petroleum Act declaring the application of the provisions of the said Act to C.P. Methanol, Acetone and Wood naptha has been ordered to lie over.

56) Another question has now arisen as to whether fees have to be recovered for the grant of license under the Mysore petroleum Act for the transport of C.P. Methanol, acetone and wood naptha. The District Magistrate Shimoga has demanded from the Mysore Iron Works a fee of Rs 50/- for the grant of such a license. The Mysore Iron Works has requested for exemption from the above fees, as the works are owned and run by Govt. The Chief Inspector of Mines has stated that the three substances referred to above come under the definition of 'petroleum' as defined in the Mysore petroleum Act. [vide Sec 2 (a)]. The Law Secy. has stated

'E'

'F'

NOTE-Contn. Sheet.

(iii)

P.T.O.

Serial No.

that as the substances come within the definition of 'petroleum' as per the opinion of the Chief Inspector of Mines no notification under Sec 21 of the petroleum Act is necessary. Both the Chief Inspr. of Mines & the† Law Secy. have opined that a notification on the lines of the Govt. of India may be issued, as it will solve doubts if any. But the Chairman of the Mysore Iron Works has contended that C.P. Methanol does not come under the definition of 'petroleum'. It is for consideration whether fees can be levied for the grant of license for the transport of these substances, as no notification has been issued under Sec. 21 (1) applying the provisions of the said Act to these substances of the M.P. Act) as has been done by the Govt. of India in their notification No.† M-826 (7) d 27.3.1937. If it is held that no fees may be levied in the absence of such a notification under Sec 21 (1) of the M.P. Act the question of granting exemption from the payment of the fee to the Mysore Iron Works does not arise. But if it is held that fee for the grant of license has to be levied, the Mysore Iron Works cannot be granted exemption for the payment of such fees, as such a concession has been refused to two other Govt. Departments in the years 1931 and 1936

Vide para 28 of the note.

† Vide para 36 of the note

'G'

Geol 2-36 & Geol 29-30 'A' & 'H'

Serial No.

(vide previous files put up) the Chief Inspector of Mines may perhaps be consulted un-officially on the points raised above.

Submitted for orders.

Km. 8/3/40

57) The Chief Inspector of Mines has already stated that C. P. Methanol etc comes under the definition of Petroleum and the Law Secretary has also opined that it is not quite legally necessary to have a Govt notification on this point.

58) The only point for consideration and orders is whether a fee has to be received or not for the grant of a license to transport this C. P. Methanol. The other departments have not been exempted. As such, an exemption cannot be granted to the Iron works

Dev. Secy

9.3.40.

59) As the Govt of India have specially brought Methanol etc. under the Petroleum Act by a notification it is obvious that the substances by themselves do not come under any of the definitions of "Petroleum" in the Act. We have not received the notification & so I have no how

12. MAR. 1940 GOVT OF MYSORE

NOTE--Contn. Sheet

Serial No.

anybody can enrich on a license under the Act. But what the Iron Works have asked for is a license under the Indian Act: the licenses under this Act are issued by our Ast. Magistrates. What, to whom does the Govt who can give exemption? But there seems to be some confusion in the matter, as in their letter of 24.3.37 they make out that the license is under our Regulation! We can ask them to clarify the position & enquire whether the difficulty raised exists & if so under which Act. authority the license is demanded by the Railway

8.25.3.37 in their letter to the Ast. Mags. Shimoga

TYPING SECTION 2 APR 1940 GEN. & REV

Q 22/3

60) Draft is submitted for approval. 25/3

28/3/40

61) Issue 1/4/40.

AF 5268 d. 3.4.40. To the Secy. Board of Management Mysore Iron & Steel Works Bhadravati Requests him to clarify the position & to intimate whether the difficulty with regard to the despatch of G.P. Memorial still exists etc. 13.

Govt A km 4/4

GEN. & REV

Letter No. B 641 d. 16.5.40. from the Secretary Board of Management Mysore Iron and Steel Works. Stating that the question may be dropped. 14

62) Submitted with reference to para 59

2184 √4632—

V2

General and Revenue Secretariat | Geol File No. 2 of 1936. | [App. F. III–2

Serial No.

above. It is stated that the present Railway rules do not specify any special license for transporting methanol even in British India & that the Iron works are not now experiencing any difficulty in exporting methanol to British India & that the question may be dropped. The papers may perhaps be filed.

GEOL. DEV. DEPT. 22 MAY 1940 GOVT OF MYSORE

Km 21/5/40

(3) For perusal. may be filed
Para 56.
Dev. Secy.
21/5

(4) 23/5

24-5-40

AGRI. & REV. SECTT. 25 MAY 1940 AGRI. & FOREST BRANCH.

NOTE—Contn. Sheet.

The Works will not be in any way liable for non-performance either in whole or in part of any contract for any delay in performance thereof in consequence of strikes, shortage of labour, breakdown or accident to machinery or other accidents of whatever nature, failure on the part of the Railway Company to supply sufficient wagons to carry essential raw materials to and finished products from the Works and all causes of whatever nature beyond the Works' control.

THE MYSORE IRON & STEEL WORKS.

(GOVERNMENT OF MYSORE)

Telegraphic Address:
"MYSIRON", BHADRAVATI
Codes:
BENTLEY'S
Western Union Five Letter
A.B.C. 6th Edition

BHADRAVATI
(MYSORE RAILWAYS)
India

MANUFACTURERS OF:
CHARCOAL PIG IRON
IN 7 GRADES
CAST IRON PIPES
2½" TO 30" DIA.
ROLLED MILD STEEL
BARS AND RODS
LIGHT STRUCTURES
ANGLES, CHANNELS
BEAMS, ETC.
GENERAL CASTINGS
METHANOL
C. P.
DENATURING
METHYL ACETONE
ACETATE OF LIME
HARD WOOD TAR AND
PITCH
WOOD PRESERVATIVE
BLACK PAINT
KRESO
(DISINFECTANT)

The Secretary to the Govt. Of Mysore, 31st March 1937.
Development Department,
Bangalore.

5741

Ref. B. 537

Dear Sir,

Transport of C.P.Methanol: General License in Form H. Petroleum Regulations:

I enclose copy of a letter addressed by the works, to the District Magistrate Shimoga for the grant of a License in Form H, under the Mysore Petroleum Regulations for the transport of our C.P.Methanol consignments.

In reply, the District Magistrate has stated that a fee of Rs 50/- in the shape of General Stamp Paper be sent to him for taking further action. The Works being a concern owned and run by the Government, I am to request that exemption from the above fees be granted and that the District Magistrate, Shimoga District be directed to grant the License early.

Thanking you,

Yours Faithfully,

BNawath

Secretary, Board of Management.

THE MYSORE IRON AND STEEL WORKS
BHADRAVATI

25th March 1937.

The Deputy Commissioner,

Shimoga District,

Shimoga.

Dear Sir,

As you are aware, C.P.Methanol i.e., Refined Wood Alcohol, is one of the Bye-Products produced by the Works. About 8000 gallons of this material are sold annually in diffirent parts of India inclusive of Madras Presidency, Bombay Presidency and Calcutta. Consignments are generally sent in 5-Gallon, 45-Gallon and 90 Gallon Drums.

The Traffic Manager, Mysore Railways, Mysore has recently drawn our attention to the Indian Railway Conference Association Red Pamphlet No.13, pages 90 and 91, wherein it is stated that every consignment exceeding three gallons offered for transport should be accompanied by a permit in form" I " based on a general License granted by the District Magistrate in form " H ". We therefore request that a general Licence in Form "H" as prescribed in sections 5 and 6 of the Indian Petroleum Act VIII of 1899 be kindly granted to us to enable us to conform to the Rules regarding the despatch of our C.P.Methanol consignments.

Thanking you for favour of an early compliance,

Yours Faithfully,
For THE MYSORE IRON & STEEL WORKS,

"Copy"
10-4-37.

SALES MANAGER

Appendix F G—1]

SUBJECT .....

.....

.....

Section Genl

File No. 2-36

Serial No. 4

Diary No. of letter replied to.....

No. D 7160

To

The Secretary,
Board of Management
Mysore Iron & Steel Works,
Bhadravati.

General and Revenue Secretariat

( )

the *193* .

Date of issue 26-4-37

Signed by Mr K. Subba Rao

Sir,

With reference to your letter No B. 5-37 dated 31/3/37 re the grant of exemption from the payment of fees for licenses to transport C.P. Methanol, I am directed to request you to send herewith, for reference, a copy of the Indian Railways Conference Association Red pamphlet No 13 referred to in the Sales Manager's letter dated 25/3/37 to the D.C., Shimoga.

I have etc.

26.4.37
for Secy
Genl

List of enclosures.....

Copied by .....

Examined by.....

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. D 7160/Sal 2-36-4 *Dated, Bangalore,* 24th April 1937.
264

From

The *Secretary to the Government of His Highness the Maharaja of Mysore, Development Department.*

To

The Secretary,
Board of Management,
Mysore Iron and Steel Works, Bhadravati.

Sir,

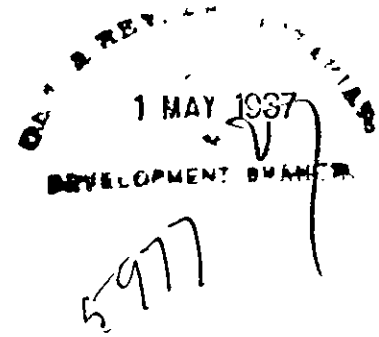
With reference to your letter No.B.537 dated 31st March 1937 regarding the grant of exemption from the payment of fees for licenses to transport C.P.Methanol, I am directed to request you to forward, for reference, a copy of the Indian Railways Conference Association - Red pamphlet No.13 referred to in the Sales Manager's letter dated 25th March 1937 to the Deputy Commissioner, Shimoga District.

I have the honor to be,
Sir,
Your most obedient servant,

For Secretary to Government
Development Department.

c.n.2

THE MYSORE IRON AND STEEL WORKS
BHADRAVATI



Geol 2-36-5

5977

1171

28th April 1937.

The Deputy Commissioner,
Shimoga District,
S H I M O G A.

Dear Sir,

GRANT OF LICENCE FOR TRANSPORT OF C.P.METHANOL.

Under instructions from the Secretary to the Government of His Highness the Maharaja of Mysore, Development Department, Bangalore, in his letter No.D 7160/Geol.2-36-4 of the 26th instant, we are sending under separate post a copy of the Indian Railway Conference Association -- Red Pamphlet No.13 for reference and return.

Yours faithfully,

GENERAL MANAGER.

Copy forwarded with compliments to

The Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department,
BANGALORE.

GENERAL MANAGER.

3

Appendix F G—1]

SUBJECT ..... grant of licence for import of C.P. Steel Sheets

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Section Genl

File No. 2-36

Serial No. 6

Diary No. of letter replied to.....

No. D 7807

To The D.C., Salem Dt.

Sir,

General and Revenue Secretariat

( )

the *193*

I am directed to invite reference to letter dated 28/4/37 from the General Manager Tata Iron & Steel Works on the above subject forwarding to the State the copy of the Indian Railway Conference Association Red pamphlet No 13 which was sent to you with this letter for ready reference.

Date of issue 21-5-37

Signed by Mr. K. Subba Rao.

List of enclosures.....

Copied by .....

Examined by.....

sent to you with letter which may be returned to this office at once as it is urgently required for reference

1/ [illegible]/5

Re ~~Transmit to this Work Engg~~

Please ack-

17.5.37

for Dy Secy

Memo No D 7808.

Copy to the Secy, Bd of Management

Mysore Iron & Steel Works, Bhadravathi.

~~for information~~

for

B-d

17-5-37

for Dy Secy

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. D 7807/Gen 2-36-6 Dated, Bangalore, 19th May 1937.
2/51.

From

The *Secretary to the Government of His Highness the Maharaja of Mysore, Development Department.*

To

The Deputy Commissioner,
Shimoga District.

Sir, Grant of license for transport of C.I.Methanol.

I am directed to invite reference to letter dated 28th April 1937 from the General Manager, Mysore Iron and Steel Works to you on the above subject and to state that the copy of the Indian Railway Conference Association-Red pamphlet No.13 sent to you with that letter may be kindly arranged to be sent to this office at once as it is urgently required for reference.

I have the honor to be,
Sir,
Your most obedient servant,

Sd/- M.Venkatanarannappa.

Secretary to Government
Development Department.

C.R..3

P.T.O.

No. D. 7808.

Copy of the foregoing is forwarded with compliments to the Secretary Board of Management, Mysore Iron and Steel Works, Bhadravati.

By Order,

For Secretary to Government
Development Department.

Geol 2 36-7

No. To. 36/36-37.
Enc:-One Book

OFFICE OF THE DISTRICT MAGISTRATE,
SHIMOGA DISTRICT.

Dated Shimoga, 25th May 1937

28 MAY 1937

DEVELOPMENT BRANCH

From

S. NARAYANA RAO, Esq., M.A. (Hons.),
District Magistrate,
Shimoga District.

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to Government,
Development Department,
Bangalore.

Sir,

With reference to your letter No.D. 7807/Geol.2-36-6 dated 21st instant, I have the honour to forward herewith the copy of the Indian Railway Conference Association red pamplet No. 13 received by the General Manager, Mysore Iron & Steel Works, Bhadravati, as required. The same may be kindly acknowledged.

I have the honour to be,
Sir,
Your most obedient servant,

District Magistrate,
Shimoga District.

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat.

No. A 7976 / Genl 2-36

Dated, Bangalore, ~~10th~~ 12th September 1939

From

The Secretary to the Government of His Highness the Maharaja of Mysore,
Development Department.

To

The Chief Inspector of Mines and Explosives
in Mysore.

Sir,

With reference to your letter No.1790 dated 23rd February 1934 regarding the application of the provisions of the Mysore Petroleum Act to Acetone, Wood Naptha and Methyl Alcohol, I am directed to request you to furnish information on the following points:-

(1) whether the composition of C.P.Methonal (~~required~~ wood alcohol) is such as to bring that substance within the meaning of the word "Petroleum" as defined in the Act;

(2) the degree of Fahrenheit's thermometer at which the substance has its flashing point.

I have the honor to be,
Sir,
Your most obedient servant

11/9

For Secretary to Government,
Development Department.

SR/2

Appendix F G—1]

SUBJECT.....

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Section Genl

File No. 2-36

Serial No. 1

No. A7926

Diary No. of letter replied to.....

To The Chief Inspector of Explosives & Petroleum

General and Revenue Secretariat

( )

the 193 . D. No

Sir,

With reference to your letter No 1790 d 23/2/34 on the application of the provisions of the Mysore Petroleum Act—to Acetone, wood naptha & wood alcohol, I am directed to request you to furnish information on the following points:—

a, whether the composition of C.P. methanol (wood alcohol) is such as to bring the substance within the meaning of the word "Petroleum" as defined in the Act

& 2& (2), the degree of Fahrenheit's thermometer

Date of issue 12/4/39

Signed by

List of enclosures.....

Copied by.....

Examined by.....

Telegraphic Address :—
"MINESPECTOR"

Geol 2-36-9

GOVERNMENT OF MYSORE.

DEPARTMENT OF MINES AND EXPLOSIVES.

No. S-S-S
Encl.

Dated Oorgaum, 18th September 1939
(S. India)

FROM

K. Duraiswamier, Esq., B.A., A.I.M.M.,
Chief Inspector of Mines and Explosives in Mysore.

To

P.H. Krishna Rao, Esq., M.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

Sir,

With reference to your letter No.A.F.976/Geol.2-36 dated 12th September 1939, I have the honour to state that C.P. Methanol which is one of the by-products of Wood Distillation is chemically pure methyl alcohol (CH_3OH) and therefore it comes under the definition of Petroleum as defined in the Petroleum Act being an inflammable liquid hydrocarbon and that its flashing point is 49.1°F.

I have the honour to be,

Sir,

Your most obedient servant,

K. Duraiswamier

Chief Inspector of Mines &
Explosives in Mysore.

R.S.

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. A 72486 / Gen 2-36

Dated, Bangalore, ~~23rd~~ 25th November 1939.

From

The Secretary to the Government of His Highness the Maharaja of Mysore,
Development Department.

To

The Chief Inspector of Mines and Explosives
in Mysore.

Sir,

Subject:- Application of the provisions of the Mysore Petroleum Act to Acetone, Wood Naptha and Methyl Alcohol.

With reference to correspondence ending with your letter No.555 dated 18th September 1939 on the above subject, I am directed to enquire whether acetone and wood naptha come under the definition of 'Petroleum' as defined in the Mysore Petroleum Act.

I have the honour to be,
Sir,
Your most obedient servant,

24/11

For Secretary to Government,
Development Department.

HKR/2.

Appendix F G—1]

SUBJECT Application of the provisions of the Mysore Petroleum Act to acetone, wood naptha and methyl alcohol

Section Genl
File No. 2-36.
Serial No. 19

No. A 772686

To The Chief Inspector of Mines & Boilers

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

the 193

Date of issue 25/11/39

Signed by M. H. N. Rao

Sir,

With reference to correspondence with your letter No S-5-5 d 18/9/39 on the above subject, I am directed to enquire whether acetone & wood naptha come under the definition of 'Petroleum' as defined in the Mysore Petroleum Act. I am etc.

for Secretary

List of enclosures.....

Copied by.....

Examined by.....

WD 0563—GPB—30,000—6-1-39

Geol 2-36-11

Telegraphic Address:—
"MINESPECTOR"

GOVERNMENT OF MYSORE.

DEPARTMENT OF MINES AND EXPLOSIVES.

No. 995
Encl. 1

Dated Oorgaum, 28th Novr. 1939.
(S. India)

SECY. TO GOVT OF MY 29. NOV. 1939
REN. & REV. & FOREST BRANCH. 2? NOV. 1939

FROM

K. Duraiswamier, Esq., B.A., A.I.M.M.,
Chief Inspector of Mines and Explosives in Mysore.

To

P. H. Krishna Rao, Esq., M.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, BANGALORE.

Subject - Application of the provisions of the Mysore Petroleum Act to Acetone, Wood Naphtha and Methyl Alcohol.

Sir,

With reference to your letter No.A.F.2486/Geol.2-36 dated 25th November 1939 enquiring whether acetone and wood naphtha come under the definition of 'Petroleum' as defined in the Mysore Petroleum Act, I have the honour to state that these are inflammable hydrocarbons as defined in Section 2 (a) (iii) of the Mysore Petroleum Act, I of 1923, and therefore come under the definition of 'Petroleum'.

The provisions of the Petroleum Rules were first specifically applied to Methyl Alcohol, Acetone and Wood Naphtha by Government of India Notification No.M-1239 dated 5th May 1927 and again by Government of India Notification No.M-826 (7) dated 27th March 1937 (copy enclosed for reference). Since Mysore has all along been following the practice of Government of India in the matter of administration of Petroleum Rules, I request that Government may be pleased to publish a similar Notification for general information at an early date.

I have the honour to be,
Sir,
Your most obedient servant,

Chief Inspector of Mines &
Explosives in Mysore.

CRN.

Notification No. M.-826(7), dated New Delhi, the 27th March 1937.

-: o :-

In exercise of the powers conferred by sub-section (1) of section 30 of the Petroleum Act 1934 (XXX of 1934), read with section 22 of the General Clauses Act, 1897 (X of 1897), the Governor General in Council is pleased to apply all the provisions of the first-mentioned Act and of the Petroleum Rules, 1937, to each of the following substances, namely:-

1. Acetone.
2. Wood Naphtha.
3. Methyl Alcohol.

-: o :-

" C o p y "

Chief Inspector of Mines &
Explosives in Mysore.

M.S.28/11/39.

GENERAL AND REVENUE SECRETARIAT

D. O. No. A 73356
Genl 2-36

Bangalore, Dated, 6th January 1940.

Dear Sir,

I am desired to state that the First Member of Council would like to discuss with you the question of the application of the Mysore Petroleum Act to Acetone, Wood Naphtha and Methyl Alcohol on the 9th instant in his chambers

Yours sincerely,

Hiranmaya Roy

M. Venkatanaranappa, Esq., B.A.,
Chairman, Mysore Iron and Steel Works,
BHADRAVATI.

K.M.R.3.

Appendix F G—1]

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SUBJECT..... 44

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Section Genl

File No. 2-36

Serial No. 12—

No. A 73500

Diary No. of letter replied to.....

To The Chief Inspector of Mines Hyderabad

General and Revenue Secretariat

( )

the *193* .

Sir,

With reference to correspondence ending with your letter No 915- A 28/11/39 re the allotment of the prisms of the Singareni Petroleum Bearing Areas, I am directed to state that this matter may be taken up at the next meeting of the Standing Committee.

I have etc.

for Dy Sy to Govt

Date of issue..... 13-1-40

Signed by.....

List of enclosures.....

Copied by..... 15/1/40

Examined by.....

Mines No. A 73501 Dt 13-1-40

Copy to the Secy Board of Management Singareni Dist & Chief Works Blandford with reference to correspondence ending with

42

Lis W.O. Nos- MOBS-76 d

1/1/40.

B.O

1/1

for Dun

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. A 73500 / Genl 2-36-12

Dated, Bangalore. ~~18th~~ 13th January 1940

From

The Secretary to the Government of His Highness the Maharaja of Mysore,
Development Department.

To

The Chief Inspector of Mines and Explosives

Sir,

With reference to correspondence ending with your letter No.995 dated 28th November 1939 regarding the application of the provisions of the Mysore Petroleum Act to Acetone, wood naphtha and Methyl alcohol, I am directed to state that this question may lie over.

I have the honour to be,
Sir,
Your most obedient servant,

Sd. C.E.Noronha

Secretary to Government,
Development Department.

Memo No. A 73501 Dated, Bangalore, the 13th January 1940

W.C.

Copy of the above is forwarded to the Secretary, Board of Management, Mysore Iron and Steel Works, Bhadravathi, with reference to correspondence ending with his U.O.Note No.B 576 dated 1st January 1940.

By Order,

For Secretary to Government,
Development Department.

mk.3

Appendix F G—1]

SUBJECT.....

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.....

Diary No. of letter replied to .....

Genoral and Revenue Secretariat

( )

the 193 .

Date of issue.....

Signed by.....

List of enclosures.....

Copied by.....

Examined by.....

Section Genl

File No. 2-36.

Serial No. 13.

No. A 75268

To The ~~Secy~~ Secy. Bd of Management, Mysore Iron & Steel Works, Bhadravati.

Sir.

In inviting reference to the correspondence ending with this office memo No. AF 3501 d. 13.1.40 re: the application of the provisions of the Mysore petroleum Act to acetone, wood naphtha and Methyl alcohol I am directed to state that, as the Govt. of India have specially brought methanol etc. under the Indian petroleum Act by a notification it is obvious that these substances do not by themselves come under any of the definitions of "petroleum" in the Act. As a similar

45

notification has not been issued in this State it cannot be seen how ~~~~ anybody can insist on a license under the Mysore petroleum Act. It is seen from your letter d. 25.3.37 addressed to the District Magistrate Shimoga that a general license in form "H" as prescribed in Sections 5 & 6 of the Indian petroleum Act VIII of 1899 is required by you for the despatch of C.P. Methanol consignments. But in your letter No. B 537 d. 31.3.37 addressed to this office it is stated that a license under the Mysore petroleum Act is required and that the fee required for the license may be waived. It can be seen from the above that there is some confusion in the matter. I request you to clarify the position. Further, it may be reported whether the difficulty with regard to the despatch of C.P. methanol consignments still exists & if so, under what authority the license is demanded by the Railway.

I have etc.

1/4

For Devl. Secy

km
28/3/40

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No A7.5268
Genl 2-36-13

Dated, Bangalore, 3rd April 1940

From

The Secretary to the Government of His Highness the Maharaja of Mysore,
Development Department.

To

The Secretary,
Board of Management,
Mysore Iron and Steel Works,
Bhadravati.

Sir,

In inviting reference to the correspondence ending with this office Memo No.A.F.3501 dated 13th January 1940 regarding the application of the provisions of the Mysore Petroluem Act to acetone, wood naptha and Methyl alcohol, I am directed to state that, as the Government of India have specially brought methanol etc, under the Indian Petroleum Act by a notification which has not been issued in this State it cannot be seen how anybody can insist on a license under the Mysore Petroluem Act. It is seen from your letter dated 25th March 1937 addressed to the District Magistrate, Shimoga that a general license in form 'H' as prescribed in sections 5 and 6 of the Indian Petroluem Act VIII of 1899 is required by you for the despatch of C.P.Methanol consignments. But in your letter No.B.537 dated 31st March 1937 addressed to this office it is stated that a license under the Mysore Petroluem Act is required and that the fee required for the license may be waived. It can be seen from the above that there is some confusion in the matter. I request you to clarify the position. Further, it may be reported whether the difficulty with regard to the despatch of C.P. Methanol consignments still exists and if so, under what authority the license is demanded by the Railway.

I have the honour to be,
Sir,
Your most obedient servant,

For Secretary to Government,
Development Department.

mk.2

Geol 2-36-14.

The Works will not be in any way liable for non-performance either in whole or in part of any contract for any delay in performance thereof in consequence of strikes, shortage of labour, breakdown or accident to machinery or other accidents of whatever nature, failure on the part of the Railway Company to supply sufficient wagons to carry essential raw materials to and finished products from the Works and all causes of whatever nature beyond the Works' control.

THE MYSORE IRON & STEEL WORKS

(GOVERNMENT OF MYSORE)

Telegraphic Address:
"MYSIRON", BHADRAVATI
Codes:
BENTLEY'S
Western Union Five Letter
A.B.C. 6th Edition

DEVY. DEV. DEPT.
17 MAY 1940
GOVT'S
Ref No.

BHADRAVATI
(MYSORE STATE RAILWAY)
India

16th M a y 1940.

4662
GEN. & REV. SECTT.
17 MAY 1940
AGRI. & FOREST BRANCH.

The Secretary to the Government
of His Highness the Maharaja of Mysore,
Development Department,
B A N G A L O R E.

Dear Sir,

WITH reference to your letter No.A,F.5268/Geol. 2-36-13 dated the 3rd April 1940, I am directed to state that in my letter No.537 dated the 31st March 1937, it has been erroneously stated that "a license under the Mysore Petroleum Act is required, etc"; it should read "....under the Indian Petroleum Act". The error is regretted.

THE present Railway Rules do not specify any special license for transporting Methanol even in British India. The Works are not now experiencing any difficulty in exporting Methanol to British India as the buyers themselves furnish the necessary import licenses as required by the Rules.

CORRESPONDENCE on this question arose out of a consignment of Methanol despatched to Chidambaram in

MANUFACTURERS OF:

CHARCOAL PIG IRON
IN 7 GRADES
CAST IRON PIPES
2" TO 33" Dr.
ROLLED MILD STEEL
BARS AND RODS
LIGHT STRUCTURES
ANGLES
GENERAL CASTINGS
METHANOL
C. P.
DENATURING
METHYL ACETONE
ACETATE OF LIME
HARD WOOD TAR AND
PITCH
WOOD PRESERVATIVE
BLACK PAINT
KRESO
(DISINFECTANT)
"CHAMUNDI" BRAND
PORTLAND CEMENT

December 1936, without the necessary import permit. Now that no difficulty is experienced in the matter of exporting Methanol, I am to request that the question may kindly be dropped.

Yours faithfully,

Secretary,
BOARD OF MANAGEMENT.